



# MEETING THE PROJECT MANAGEMENT CHALLENGE

# 2004

# Biography

## Dr. David G. Ullman, P.E. President - Robust Decisions, Inc.

### EDUCATION

- Doctor of Philosophy, Mechanical Engineering, The Ohio State University, March 1978. Research Topic: A Variable Inertia Flywheel as an Energy Storage System
- Master of Science, Aerospace Engineering, University of Cincinnati, 1970
- Bachelor of Science, Aerospace Engineering, University of Cincinnati, 1968.

### LICENSE

Professional Engineer: New York State 61443, Oregon 13132

### EXPERIENCE

President (January 2001- present), Director of Decision Products (February 1998-January 2001) Robust Decisions Inc. (formerly Camas Corporation), Corvallis Oregon Developed software tools to support decision management. Raised over \$1M in NSF and Department of Defense Small Business Initiation Research (SBIR) grants to support application development. Transformed company from research base to software production, consulting and training in 2001. Professor (Emeritus 2001, Full Professor 1992, Tenured 1988, Associate Professor, 1984-92) Department of Mechanical Engineering, Oregon State University, Corvallis, Oregon. Vice President and Technical Director (1994 - 2001; President/CEO, 1992 -94) BikeE Corporation, Corvallis Oregon.

### PROFESSIONAL ACTIVITIES

American Society of Mechanical Engineers:

- Fellow, 1993
- Member, 1976-present
- Willamette Valley Section, Chairman, 1987-1988
- Design Theory and Methodology Technical Committee of the Design Division: Organizer, 1987, Chairman, 1987-1990, Annual Conference Chairman, 1989, 1990

### PATENTS

General Decision-Making Support Method and System, U.S. Patent # 6,631,362, Ullman, D.G. and D'Ambrosio B., October 2003, Assignee Robust Decisions Inc.

Securement System for a Rollable Mobility Aid; U.S. Patent No. 5,344,265, Canadian Patent No. 2,077,879; Ullman, D.G., Hunter-Zaworski, K., Herling, D., Clark G., Zaworski J.; Sept. 1994; Assignee, Oregon State University.

Recumbent Bicycle; Patent No. 5,509,678; Ullman, D. G., Atwood, P. A.; Apr 96; Assignee, BikeE Corp.

### BOOKS

Ullman D.G., 12 Steps to Robust Decisions, Trafford, 2001.

Ullman, D.G., The Mechanical Design Process, McGraw-Hill, NY, 1992, 3rd edition 2003.

Ullman, D.G., Mechanical Design Failure Analysis, Marcel Dekker, Inc., NY, September 1986.



## NASA Project Management Conference